| <br>Index of Claims |          |          |               |        |         |          |              |          |           |           |          |                 | Application/Control No. |                        |              |              |                 |           |          |  |            | Applicant(s)/Patent under Reexamination |         |                      |          |          |                 |         |   |  |  |
|---------------------|----------|----------|---------------|--------|---------|----------|--------------|----------|-----------|-----------|----------|-----------------|-------------------------|------------------------|--------------|--------------|-----------------|-----------|----------|--|------------|---|---------|----------------------|----------|----------|-----------------|---------|---|--|--|
|                     |          |          |               |        |         |          |              |          |           |           |          |                 | 40/004 000              |                        |              |              |                 |           |          |  |            |   |         |                      |          |          |                 |         |   |  |  |
|                     |          |          |               |        |         |          |              |          |           |           |          |                 |                         | 10/684,096<br>Examiner |              |              |                 |           |          |  |            |   |         | UANG ET AL. Art Unit |          |          |                 |         |   |  |  |
|                     |          | Ш        |               |        |         |          |              |          |           |           |          |                 |                         |                        |              |              |                 |           |          |  |            |   |         |                      |          |          |                 |         |   |  |  |
| <br>                |          |          |               |        |         |          |              |          |           |           |          |                 |                         | Stephen M. D'Agosta    |              |              |                 |           |          |  |            |   |         | 2683                 |          |          |                 |         |   |  |  |
| (Through numera     |          |          |               |        |         |          |              |          |           |           |          |                 | ora                     | <u> </u>               | 7            | $\Box$       |                 |           |          |  | ] [        | П                                       |         |                      |          |          | $\neg$          |         |   |  |  |
|                     |          | 4        | Rejected      |        |         |          |              | -        | ν,        | Cancelled |          |                 | GI GI                   | ۵.,                    |              | N            | N Non-E         |           | Elec     | lected   |            | A                                       | Appeal  |                      |          |          |                 |         |   |  |  |
|                     | Λ        | Allowed  |               |        |         | ÷        | ÷ Restricted |          |           | 1         |          |                 |                         | In                     | Interference |              |                 |           | 0        | Objected   |            |   |         |                      |          |          |                 |         |   |  |  |
| =                   |          |          | ^             | IOW    | eu      |          |              | Ц        |           |           |          |                 |                         |                        |              | Ľ            |                 | itei      | 16161    |  |            |   |         |                      |          |          |                 |         |   |  |  |
| Claim               |          |          | Date          |        |         |          |              |          | $\neg$    | Claim     |          |                 |                         | C                      |              | e            |                 |           |          | C  | aim        |   | Date    |                      |          |          |                 | ٦       |   |  |  |
|                     |          | 2        | $\overline{}$ |        |         | Ť        |              | П        |           |           | T        |                 |                         | ПТ                     |              | Ť            |                 |           |          |  |            | П                                       |         |                      |          | П        |                 | 1       |   |  |  |
| Final               | Original | 2400     |               |        |         |          |              |          |           | Final     | Original |                 |                         |                        |              |              |                 |           |          | Final  | Original   |   |         |                      |          |          |                 |         |   |  |  |
| <u>.</u>            |          | ОÓ       |               |        |         |          |              |          |           |           | I .      |                 |                         |                        |              |              | Ш               |           |          |  |            |   |         |                      |          |          | Ш               | $\perp$ | _ |  |  |
|                     | 2        | /        | $\vdash$      | +      | +-      | +-       | ┝            | $\vdash$ | $\dashv$  | _         | 51<br>52 | $\vdash \vdash$ | +                       | -                      | ╀            | ╀            | $\vdash$        | -         | _        |  | 101<br>102 |   | +       | ╬                    | -        |          | $\vdash \vdash$ | +       | - |  |  |
|                     | 3        | $\perp$  | $\exists$     | -      | +       |          | H            |          | ╛         |           | 53       |                 | 1                       |                        | $\vdash$     |              |                 | $\exists$ |          |  | 103        |   |         |                      |          |          |                 | $\top$  | = |  |  |
|                     | 4        |          | $\dashv$      | _ _    |         | 1        |              |          |           |           | 54       |                 |                         |                        | F            |              |                 |           |          |  | 104        | П                                       | $\perp$ |                      |          |          |                 | 1       |   |  |  |
|                     | 5<br>6   | +        | $\dashv$      | -      | ╁       | ╁╌       | -            | $\vdash$ | -         | -         | 55<br>56 | $\vdash$        | $\dashv$                | +                      | +            | ╁            | Н               | $\dashv$  | $\dashv$ |  | 105<br>106 | $\vdash$                                | +       | ╁╌                   | ╁        | _        | $\vdash$        | +       | - |  |  |
|                     | 7        |          | $\Box$        |        |         |          |              |          |           |           | 57       |                 |                         |                        |              |              |                 |           |          |  | 107        |   |         |                      |          |          |                 |         | 1 |  |  |
|                     | 8        | -        | $\dashv$      | +      | +       | +        | $\vdash$     |          | -         |           | 58<br>59 | $\vdash$        | +                       | +                      | ╀            | $\vdash$     | Н               | +         | $\dashv$ | <u> </u>   | 108<br>109 | $\vdash \vdash$                         | +       | +                    | ╁        | _        | $\vdash$        | _       | - |  |  |
|                     | 10       |          |               | $\top$ | $\perp$ |          |              |          |           |           | 60       |                 | $\top$                  | +-                     |              | <del> </del> |                 | _         |          |  | 110        |   | $\top$  | +                    | +        |          |                 |         | _ |  |  |
|                     | 11       |          |               | _      | -       | -        |              |          |           |           | 61       |                 |                         |                        | _            | ļ            |                 | 4         |          |  | 111        |   | 4       | $\perp$              | 1        |          |                 |         |   |  |  |
|                     | 12<br>13 |          | $\dashv$      | -      | ╁       | ╁        | $\vdash$     | $\vdash$ | -         | -         | 62<br>63 | $\vdash$        | $\dashv$                | +-                     | ╁            | ╁            | $\vdash$        | $\dashv$  | $\dashv$ |  | 112<br>113 | H                                       | +       | +                    | -        | -        |                 |         | - |  |  |
|                     | 14       |          |               |        |         |          |              |          |           |           | 64       |                 |                         | 工                      |              | 匚            |                 | $\Box$    |          |  | 114        |   |         |                      |          |          |                 |         |   |  |  |
|                     | 15<br>16 | ┞        | $\dashv$      | +      | +-      | ╂        | -            | $\vdash$ | $\dashv$  |           | 65<br>66 | $\vdash$        | -                       | +                      | ╄            | -            | H               | +         | -        |  | 115<br>116 | $\vdash$                                | +       | +-                   | ╀        | _        | $\vdash$        | +       | 4 |  |  |
|                     | 17       |          |               | $\top$ | $^{+}$  | +        |              |          |           |           | 67       |                 |                         |                        | 1            | †            |                 |           |          |  | 117        |   |         |                      |          |          |                 |         | 1 |  |  |
|                     | 18<br>19 |          |               | 4      | 4       | 1        |              | $\vdash$ |           | _         | 68<br>69 | $\sqcup$        |                         | $\bot$                 | $\vdash$     | _            |                 | $\dashv$  |          |  | 118        | $\square$                               |         | -                    |          |          |                 |         | ] |  |  |
|                     | 20       | V        |               | +      | +       | +        |              | $\vdash$ | $\dashv$  |           | 70       | $\vdash$        | ┰                       | +-                     | ╁╴           | ╁╌           |                 | +         | +        |  | 119<br>120 | $\vdash$                                | +       |                      | ╁        | -        | $\vdash$        | +       | + |  |  |
|                     | 21       |          |               |        | $\perp$ | $\perp$  |              | $\Box$   | $\exists$ |           | 71       |                 | $\blacksquare$          | 1                      | L            | L            |                 | 4         | Π.       |  | 121        |   |         |                      |          |          |                 |         | ] |  |  |
|                     | 22<br>23 | H        |               |        | +-      | ╁        | $\vdash$     | $\dashv$ | $\dashv$  | -         | 72<br>73 | $\vdash$        | +                       | +                      | ╁            |              |                 | $\dashv$  | 4        |  | 122<br>123 | $\vdash$                                | -       | +                    | +        |          | $\vdash$        | +       | - |  |  |
|                     | 24       |          |               |        | İ       |          |              |          |           |           | 74       |                 | 土                       |                        |              |              |                 |           | _        |  | 124        |   |         |                      |          |          |                 |         |   |  |  |
|                     | 25<br>26 | $\vdash$ | $\dashv$      | +      | +       | +        |              | $\vdash$ | 4         |           | 75<br>76 |                 | 4                       | 4                      | ╂            | ļ            |                 | 4         | 4        |  | 125<br>126 | $\square$                               | +       | _                    | -        | _        | $\sqcup$        | 4       | ] |  |  |
|                     | 27       | Н        |               | +      | +       | +        | -            | $\vdash$ | -         |           | 77       | $\dashv$        | ╁                       | ╁                      | +            | +            |                 | $\dashv$  | $\dashv$ |  | 127        | $\vdash$                                | +       | ╁                    | $\vdash$ |          | $\vdash$        | +       | 1 |  |  |
|                     | 28       |          |               | 1      | 1       | 1        |              | $\Box$   | 7         |           | 78       |                 |                         |                        | L            |              |                 | 4         |          |  | 128        |   |         |                      |          |          |                 |         |   |  |  |
|                     | 29<br>30 | Н        | $\dashv$      | +      | +       | +        | _            |          | $\dashv$  |           | 79<br>80 | $\vdash$        | -                       |                        | ╁╴           | -            | ╟─┤             | +         | $\dashv$ |  | 129<br>130 | H                                       | +       | +                    | -        | <u> </u> |                 | -       | - |  |  |
|                     | 31       |          |               | I      |         |          |              |          |           |           | 81       |                 |                         |                        |              |              |                 | 士         |          |  | 131        |   |         |                      |          |          |                 |         |   |  |  |
|                     | 32<br>33 |          | -             | -      | +       | +        | Н            | $\perp$  | 4         |           | 82<br>83 | $\dashv$        | _                       | +                      | $\vdash$     | $\vdash$     | $\vdash$        | +         | 4        |  | 132<br>133 | $\sqcup$                                | _       | -                    | -        |          | $\vdash$        | 4       | 4 |  |  |
|                     | 34       |          | +             | +      | +       | +        | -            |          | 1         | <u> </u>  | 84       | $\dashv$        | +                       | +                      | $\vdash$     | $\vdash$     | $\vdash$        | $\dashv$  | $\dashv$ |  | 134        | H                                       | ╁       | +                    | $\vdash$ |          | $\vdash$        | +       | ┪ |  |  |
|                     | 35       |          | $\Box$        | 4      |         | 1_       |              |          |           |           | 85       |                 |                         | $\perp$                |              |              |                 | $\perp$   |          |  | 135        |   |         | T                    |          |          |                 |         | ] |  |  |
|                     | 36<br>37 | -        | +             | +      | ╬       | ╁        | -            | -        | _         | -         | 86<br>87 | $\dashv$        | +                       | +                      | ╁            | -            | $\vdash$        |           | 4        |  | 136<br>137 |   | -       | +                    |          | H        | $\dashv$        | +       | - |  |  |
|                     | 38       |          |               |        |         |          |              |          |           |           | 88       |                 |                         |                        |              |              |                 | 士         |          |  | 138        |   |         |                      |          |          |                 |         | 1 |  |  |
|                     | 39<br>40 |          | -             | +      | +       | ╄        |              |          | 4         |           | 89<br>90 | $\perp$         | +                       | +                      | ├-           | ├-           | $\vdash \vdash$ | $\dashv$  | 4        |  | 139<br>140 | $\vdash$                                |         | +                    |          | <u>_</u> |                 | _       |   |  |  |
|                     | 41       |          | $\dashv$      | +      | +       | +        | Н            |          | 1         |           | 91       | $\dashv$        | $\dashv$                | +                      | $\vdash$     | $\vdash$     | H               | +         | $\dashv$ | <del>                                     </del> | 141        | $\vdash$                                |         | ╁                    | -        |          |                 | ╫       | 1 |  |  |
|                     | 42       |          | 4             | T      | F       | F        | П            | $\neg$   | $\exists$ |           | 92       | 4               | 1                       | 1                      | ļ            |              | $\Box$          | 7         | 7        |  | 142        |   | 1       | I                    |          |          | $\Box$          | 1       |   |  |  |
|                     | 43<br>44 | Н        | $\dashv$      | +      | +       | +        | -            | $\dashv$ | $\dashv$  |           | 93<br>94 | $\dashv$        | +                       | +                      | $\vdash$     | $\vdash$     | $\vdash$        | +         | $\dashv$ |  | 143<br>144 | $\vdash \vdash$                         | +       | +                    | -        |          | $\dashv$        | +       | - |  |  |
|                     | 45       |          | $\Box$        | 丰      |         |          | П            | $\Box$   |           |           | 95       |                 | $\downarrow$            | $\bot$                 |              |              |                 |           | コ        |  | 145        |   |         | T                    |          |          |                 |         |   |  |  |
|                     | 46<br>47 | $\vdash$ | $\dashv$      | +      | +       | $\vdash$ | Н            | $\dashv$ | $\dashv$  |           | 96<br>97 | $\perp$         | +                       | +                      | ├-           | $\vdash$     | $\dashv$        | 4         | 4        |  | 146<br>147 | $\dashv$                                | +       | +                    | $\vdash$ |          | -               | +       | - |  |  |
|                     | 48       |          |               |        | $\perp$ |          |              |          |           |           | 98       |                 | $\perp$                 | 士                      | L            |              |                 | $\pm$     | _ [      |  | 148        |   | $\pm$   | $\pm$                | $\vdash$ |          |                 | $\pm$   | 1 |  |  |
|                     | 49<br>50 | $\Box$   | 1             |        |         | $\perp$  | Ц            | 4        | 4         |           | 99       | Ŧ               | Ŧ                       | 1                      |              |              | $\Box$          | $\Box$    | ]        |  | 149        | П                                       | T       | $oxed{\Box}$         |          |          |                 |         | ] |  |  |
|                     | οU       |          |               |        |         | 1        |              |          |           |           | 100      | 1_              | 丄                       |                        | <u> </u>     | Li           |                 |           |          |  | 150        | L. L                                    |         |                      | , 1      | 1        |                 | - 1     | 1 |  |  |